

CLAIMS

1. System for the management of emergency situations through a mobile terminal (1,301), equipped with an electronic card (2,302) apt to implement access functions to a mobile phone network, and comprising memory areas (23) containing personal data of the owner of said electronic card (2,302), said system is characterized in that said electronic card (2,302) has aid
5 functions, which make it at least partially operative when said mobile terminal (1,301) is operating in emergency conditions.
2. System for the management of emergency situations through a mobile terminal (1,301), according to claim 1, characterized in that said aid functions comprise the function of visualization of said personal data on a display (3,303) of said mobile terminal (1,301).
- 10 3. System for the management of emergency situations through a mobile terminal (1,301), according to claim 1 or 2, characterized in that said aid functions comprise the function of transferring said personal data into a memory area (6) of said mobile terminal (1,301).
4. System for the management of emergency situations through a mobile terminal (1,301), according one of the previous claims, characterized in that said electronic card (2,302) is
15 provided with a personal identification code (PIN).
5. System for the management of emergency situations through a mobile terminal (1,301), according to claim 4, characterized in that said electronic card (2,302), before checking said personal identification code (PIN), verifies whether there is the need for an aid, in particular a medical aid, or for signaling that someone got lost.
- 20 6. System for the management of emergency situations through a mobile terminal (1,301), according to claim 5, characterized in that said electronic card (2) with the aid functions allows to choose the type of the needed help, in particular a medical aid or to signal that someone got lost.
7. System for the management of emergency situations through a mobile terminal (1,301),
25 according to claim 5 or 6, characterized in that said check of the need of an aid is obtained through pressing a key on the keyboard (4) of said mobile terminal (1,301).
8. System for the management of emergency situations through a mobile terminal (1,301), according to claim 5 or 6, characterized in that in the case that there is the need of a medical aid, said electronic card (2,302) enables the forwarding of a message to a service center.
- 30 9. System for the management of emergency situations through a mobile terminal (1,301), according to claim 5 or 6, characterized in that in the case that there is the need of a medical

aid, said electronic card (2,302) enables a call to a service center.

10. System for the management of emergency situations through a mobile terminal (1,301), according to claim 8, characterized in that the forwarding of said message to said service center (304) is detected by suitable means of said mobile phone network, and further means of said mobile phone network provide for detecting the position of said mobile terminal (1,301).

11. System for the management of emergency situations through a mobile terminal (1,301), according to claim 9, characterized in that said call to said service center (304) is detected by suitable means of said mobile phone network, and further means of said mobile phone network provide for detecting the position of said mobile terminal (1,301).

12. System for the management of emergency situations through a mobile terminal (1,301), according to claim 10 or 11, characterized in that said position is sent to said service center (304).

13. System for the management of emergency situations through a mobile terminal (1,301), according to any one of the claims from 8 to 12, characterized in that at said service center (304) it is available a database (305) containing personal data of the owner of said electronic card.

14. System for the management of emergency situations through a mobile terminal (1,301), according to claim 13, characterized in that said service center (304) transmits said personal data to a first aid center (306).

15. System for the management of emergency situations through a mobile terminal (1,301), according to claim 13, characterized in that said service center (304) transmit said personal data and said position of said mobile terminal (1,301) to a first aid center (306).

16. System for the management of emergency situations through a mobile terminal (1,301), according to claim 14 or 15, characterized in that said service center (304) connects said mobile terminal (1,301) to said first aid center (306).

17. System for the management of emergency situations through a mobile terminal (1,301), according to claim 13, characterized in that said personal data comprise telephone numbers (308,309) to be contacted in the emergency case.

18. System for the management of emergency situations through a mobile terminal (1,301), according to claim 17, characterized in that said service center (304) connects said mobile terminal (1,301) to one or more of said telephone numbers (308,309) to be contacted in the emergency case.

19. System for the management of emergency situations through a mobile terminal (1,301), according to claim 16 and 18, characterized in that said service center (304) connects said mobile terminal (1,301) to a first aid center (306) and to one or more of said telephone numbers (308,309) to be contacted in the emergency case.
- 5 20. System for the management of emergency situations through a mobile terminal (1,301), according to claim 5 or 6, characterized in that, in the case it is necessary to signal that somebody got lost, said electronic card (2) with the aid functions enables to call one after the other the telephone numbers (308,309) to be contacted in the emergency case stored in said electronic card (2) with the aid functions.
- 10 21. System for the management of emergency situations through a mobile terminal (1,301), according to claim 20, characterized in that said sequence of calls is terminated when an answer is received from one of said telephone numbers (308,309) to be called in the emergency case.
22. Method for the management of emergency situations through a mobile terminal (1,301),
15 equipped with an electronic card (2,302) apt to implement functions for accessing a mobile phone network, and comprising memory areas (23) containing personal data of the owner of said electronic card, characterized in that it comprises:
- a first phase of inserting said electronic (2,302) card into said mobile terminal (301),
 - a second phase of switching on said mobile terminal (301),
 - 20 - a third phase of checking whether an aid is actually necessary, said third phase preceding the request of a personal identification code (PIN) of said electronic card (2,302).
23. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 22, characterized in that if there is the need of an aid then said personal data are visualized on a display (3,303) of said mobile terminal (1,301).
- 25 24. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 22 or 23, characterized in that if there is the need of an aid then said personal data are transferred in a memory area (6) of said mobile terminal (1,301).
25. Method for the management of emergency situations through a mobile terminal (1,301) according to any one of the claims from 22 to 24, characterized in that before verifying a
30 personal identification code (PIN) said electronic card (2,302) checks whether an aid is necessary, in particular a medical aid, or somebody got lost.
26. Method for the management of emergency situations through a mobile terminal (1,301)

-16-

according to claim 25, characterized in that said electronic card (2) with the aid functions allows to choose the type of aid needed, in particular a medical aid, or a signal that somebody got lost.

27. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 25 or 26, characterized in that said check of the need of an aid is obtained by means pressing a key on the keyboard (4) of said mobile terminal (1,301).

28. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 25 or 26, characterized in that, in case an aid is necessary, said electronic card (2,302) enables the forwarding of a message to a service center.

29. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 25 or 26, characterized in that, in case an aid is necessary, said electronic card (2,302) enables a call to a service center.

30. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 28, characterized in that suitable means of said mobile phone network detect the forwarding of said message to said service center (304), and that further means of said mobile phone network provide for detecting the position of said mobile terminal (1,301).

31. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 29, characterized in that suitable means of said mobile phone network detect said call to said service center (304), and that further means of said mobile phone network provide for detecting the position of said mobile terminal (1,301).

32. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 30 or 31, characterized in that said position is transmitted to said service center (304).

33. Method for the management of emergency situations through a mobile terminal (1,301) according to any one of the claims from 28 to 32, characterized in that with said service center (304) it is available a database (305) with personal data of the owner of said electronic card.

34. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 33, characterized in that said personal data are transmitted from said service center (304) to an aid center (306).

35. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 33, characterized in that said personal data and said position of said mobile terminal (1,301) are transmitted from said service center (304) to an aid center (306).

36. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 34 or 35, characterized in that said service center (304) connects said mobile terminal (1,301) to said aid center (306).

5 37. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 33, characterized in that said personal data comprise telephone numbers (308,309) to be called in the emergency case.

38. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 37, characterized in that said service center (304) connects said mobile terminal (1,301) to one or more of said telephone numbers (308,309) to be called in the
10 emergency case.

39. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 36 and 38, characterized in that said service center (304) connects said mobile terminal (1,301) to an aid center (306) and to one or more of said telephone numbers (308,309) to be called in the emergency case.

15 40. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 25 or 26, characterized in that in case it is the necessary to signal that somebody got lost said electronic card (2) with the aid functions calls one after the other the telephone numbers (308,309) to be contacted in the emergency case stored in said electronic card (2) with the aid functions.

20 41. Method for the management of emergency situations through a mobile terminal (1,301) according to claim 40, characterized in that said sequence of calls is terminated when an answer is received from one of said telephone numbers (308,309) to be called in the emergency case.

42. System and/or method for the management of emergency situations through a mobile
25 terminal according to the inventive teachings contained in the present description and in the attached drawings which represent a preferred and not limiting form of implementation of said method.

43. System implementing a method for the activation of aid calls according to any one of the previous claimed methods.

30 44. Electronic card (2,302) apt to implement access functions to a mobile phone network, comprising memory areas (23) containing personal data of the owner of said electronic card (2,302), characterized in that it is equipped with aid functions, which make it at least in part

-18-

operative when said mobile terminal operates in emergency state.